

SPECIFICATION AMENDMENTS:

Please amend the specification as follows:

Amend the paragraph beginning at column 5, line 17, to read as follows:

-- In step S2, each edge of the inputted polygon data is evaluated for performing the edge removal. In the edge evaluation in step S2, each edge of the inputted polygon data is converted into a numerical value by a method, which will be described below, and is set to an evaluation value. In step S3, the evaluation values of the edges obtained in step S2 are sorted and the edge having the minimum evaluation value is selected (i.e., identified). The processing routine advances to step S4. In step S4, the edge having the minimum evaluation value that was selected in step S3 is removed. --

Amend the paragraph beginning at column 5, line 34, to read as follows:

-- Approximated polygon data that was approximated at a precision of one stage and was subjected to the texture mapping is obtained by the foregoing processes in steps S2 to S6. The edge removal, the determination of a new vertex, and the process of the texture in association with them are repeated by repeatedly executing the processes in steps S2 to S6. Consequently, the approximated polygon data, which was subjected to the texture mapping can be obtained (i.e., created) at a desired precision. --